

Substitute for form 1449/PTO (Revised 04/2003)			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			
Sheet	1	of	4

Complete if Known

Application Number	To Be Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Munekazu DATE, et al.
Group Art Unit	
Examiner Name	

Sheet 1 of 4 Attorney Docket Number 041309/262110

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
AS	1	US-4,090,219	05-16-1978	Ernstoff et al.	
	2	US-4,591,233	05-27-1986	Fergason	
	3	US-4,606,611	08-19-1986	Fergason	
	4	US-4,626,074	12-2-1986	Crossland et al.	
	5	US-4,810,063	03-07-1989	Fergason	
	6	US-4,844,596	07-04-1989	Fergason	
	7	US-5,299,289	03-29-1994	Omae et al.	
	8	US-5,452,385	09-19-1995	Izumi et al.	
	9	US-5,477,351	12-1995	Takahara et al.	
	10	US-5,581,380	12-03-1996	Bergman	
	11	US-5,648,860	07-1997	Ooi et al.	
	12	US-5,706,066	01-06-1998	Sawayama et al.	
	13	US-5,760,860	06-1998	Mason et al.	
	14	US-6,048,071	04-2000	Sawayama	
	15	US-6,133,971	10-2000	Silverstein et al.	
	16	US-6,249,328	06-2001	Fukuzawa et al.	
	17	US-6,339,463	01-2002	Silverstein et al.	
AS	18	US-6,373,540	04-2002	Munakata	

FOREIGN PATENT DOCUMENTS

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AS	1	JP	54-28597	Nippon Denshin Denwa Kosha	03-03-1979		
AS	2	JP	59-178428	Fergason	09-10-1984		A
AS	4	JP	63-4515		01-13-1988		

Examiner Signature	Andrew Slecter	Date Considered	5/27/04
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Attorney Docket Number 041309/262110

FOREIGN PATENT DOCUMENTS

AS	5	JP	01033520	A	Canon Inc.	02-03-1989		
	6	JP	02101424	A	Sony Corp.	04-13-1990		
	7	JP	3-23423			01-31-1991		
	8	JP	03073926	A	Asahi Glass Co. Ltd.	03-28-1991		
	9	JP	4-97129	A	Hitachi Lighting Ltd.	03-30-1992		
	10	JP	04338721	A	Seiko Epson Corp.	11-26-1992		
	11	JP	4-352129	A	Sony Corp.	12-07-1992		
	12	JP	04355424	A	Asahi Glass Co. Ltd.	12-09-1992		
	13	JP	05080310	A	Dainippon Printing Co. Ltd.	04-02-1993		
	14	JP	5-5882	A	Katsumi Yoshino	01-14-1993		
	16	JP	05072509	A	NEC Corp.	03-26-1993		
	17	JP	05119302	A	Seiko Epson Corp.	05-18-1993		
	18	JP	05173119	A	Seiko Epson Corp.	07-13-1993		
	15	JP	5-281521	A	Canon Inc.	10-29-1993		A
	19	JP	06075218	A	Stanley Electric Co. Ltd.	03-18-1994		
	20	JP	06214254	A	Matsushita Electric Ind. Co. Ltd	08-05-1994		
	21	JP	06222360	A	Seiko Epson Corp.	08-12-1994		
	22	JP	06250153	A	Nippon Telegraph & Telephone Corp.	09-09-1994		
AS	23	JP	6-258640			09-16-1994		

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FOREIGN PATENT DOCUMENTS							
AJ	24	JP	06289422	A	Seiko Instr. Inc.	10-18-1994	
	25	JP	06308471	A	Nippon Telegraph & Telephone Corp.	11-04-1994	
	26	JP	6-308543			11-04-1994	A
	27	JP	6-347790			12-22-1994	A
	28	JP	07056157	A	Teijin Ltd.	03-03-1995	A
	29	JP	07104322	A	Fuji Xerox Co. Ltd.	04-21-1995	A
	30	JP	07306402	A	Toshiba Corp.	11-21-1995	
	31	JP	09068700	A	Dainippon Ink & Chem. Inc.	03-11-1997	
	3	JP	62-81688			04-15-1997	
	32	JP	10062798	A	Fujitsu Ltd.	03-06-1998	
	33	JP	10078569	A	Nippon Telegraph & Telephone Corp.	03-24-1998	
	34	JP	10090708	A	Toshiba Corp.	04-10-1998	
	35	JP	10090730	A	Nippon Telegraph & Telephone Corp.	04-10-1998	
	36	JP	10186361	A	Sharp Corp.	07-14-1998	
	37	EP	0 363 084	A2	Dorschner, et al.	04-11-1990	
	38	EP	0 643 318	A1	Kobayashi, et al.	03-15-1995	
	39	EP	0 675 386	A1	Mahe, et al.	10-04-1995	
	40	EP	0 729 055	A2	Taketomi, et al.	08-28-1996	
AJ	41	EP	0 823 587	A1	Taniguchi, et al.	02-11-1998	

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OTHER DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
AS		World Intellectual Property Organization, Int'l Application No. PCT/US89/01446, Int'l Publication No. WO 89/09807, Int'l Publication Date October 19, 1989		
AS		RUMIKO YAMAGUCHI, YUTAKA WAKI and SUSUMU SATO; Reverse Mode and Wide Viewing Angle Properties in Polymer Dispersed Liquid Crystal Cells Prepared Using a UV Curable Liquid Crystal; Jpn. J. Appl. Phys.; May 1997; Pages 2771-2774; Volume 36 (1997)		
AS		European Search Report, EP 99 30 5990, Completed February 1, 2001		

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